

Message Text

UNCLASSIFIED

PAGE 01 TOKYO 04141 250427Z

ACTION OES-06

INFO OCT-01 EUR-12 EA-09 ISO-00 ACDA-10 SS-15 NSC-05

EB-08 TRSE-00 NRC-07 FEA-01 CIAE-00 INR-07

NSAE-00 DODE-00 L-03 IGA-02 /086 W

-----250432Z 094655 /22

P R 240830Z MAR 77

FM AMEMBASSY TOKYO

TO SECSTATE WASHDC PRIORITY 6376

AMEMBASSY PARIS PRIORITY

AMEMBASSY BONN PRIORITY

AMEMBASSY BRUSSELS PRIORITY

AMEMBASSY LONDON PRIORITY

INFO USERDA GERMANTOWN

USERDA WASHDC

UNCLAS TOKYO 4141

E.O. 11652: N/A

TAGS: TECH, JA

SUBJECT LMFBR/LWR POWER COSTS

REF: STATE 059863

1. IN RESPONSE TO REFTTEL, FOLLOWING IS MOST CURRENT CAPITAL AND FUEL COST INFO ON LMFBR AND LWR FOR PERIODS INDICATED. USED CONVERSION 30 YEN PER DOLLAR. ALL COSTS IN 1976 DOLLARS. CAPITAL COSTS GIVEN IN RANGE VARYING FROM OPTIMISTIC TO PESSIMISTIC WITH MOST LIKELY IN MIDDLE. YEAR IS YEAR OF COMMERCIALIZATION.

ESTIMATED CAPITAL COSTS

YEAR	SIZE	LWR	LMFBR	
(MWE)	(\$1 KW)		(\$1 KW)	
		HI	MED	LOW

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 TOKYO 04141 250427Z

1985	1000	734	1223	1080	937
1990	1100	720	--	--	--
1995	1300	707	990	903	800
2000	1500	690	900	820	730
2005	1700	677	843	763	690
2010	2000	660	793	730	660

ESTIMATED FUEL COSTS

	LWR	LMFBR
1980	1.76	--
1985	2.34	--
1990	2.52	1.29
1995	2.72	1.12/0.93
2000	2.91	0.80
2005	3.09	0.80
2010	3.29	0.80
2015	3.43	0.80
2020	3.67	0.80

2. EMBASSY UNABLE OBTAIN RELIABLE LMFBR NORMALIZED TOTAL
BUS BAR POWER COST ESTIMATES; ONLY FUEL COST INFO ABOVE
APPEARS COMPARABLE TO US DATA. WILL CONTINUE SEEK TOTAL
POWER GENERATING COSTS AND FORWARD AS SOON AS AVAILABLE.
BUTTON

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: COSTS, NUCLEAR FUELS
Control Number: n/a
Copy: SINGLE
Sent Date: 24-Mar-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977TOKYO04141
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770102-0341
Format: TEL
From: TOKYO
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770324/aaaaauui.tel
Line Count: 78
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 199961b2-c288-dd11-92da-001cc4696bcc
Office: ACTION OES
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: 77 STATE 59863
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 30-Sep-2004 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3002937
Secure: OPEN
Status: NATIVE
Subject: LMFBR/LWR POWER COSTS
TAGS: TECH, JA
To: STATE PARIS
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/199961b2-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009